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Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherche-  
abteilung

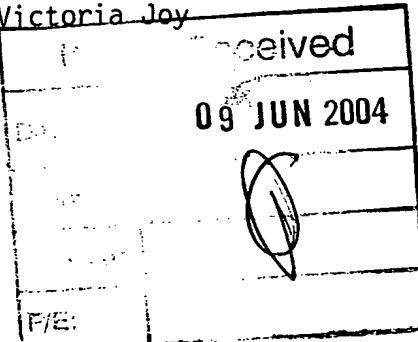
European  
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Département à  
La Haye  
Division de la  
recherche

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Datum/Date

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P33176EP-K/KVC

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.  
00928505.7

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire  
REGENTS OF THE UNIVERSITY OF MINNESOTA

## COMMUNICATION

The European Patent Office herewith transmits

- the European search report
- the declaration under Rule 45 EPC
- the partial European search report under Rule 45 EPC
- the European search report under Rule 112 EPC

relating to the above-mentioned European patent application. Copies of the documents cited in the search report are enclosed.

The following specifications given by the applicant have been approved by the Search Division :

Abstract  Title  Figure

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published with the abstract, since the Search Division considers that it better characterises the invention than the one indicated by the applicant.

Figure:

Additional copy(copies) of the documents cited in the European search report.

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent  
Office

EUROPEAN SEARCH REPORT  
under Rule 112 EPC

Application Number  
EP 00 92 8505

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages		
X	On request of the applicant the present search report has been drawn up for an amended set of claims relating to Factor VIIa variants (invention 2) ----- X PERSSON E AND NIELSEN L: "Site-directed mutagenesis but not $\gamma$ -carboxylation of Glu-35 in factor VIIa affects the association with tissue factor" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 385, no. 3, 6 May 1996 (1996-05-06), pages 241-243, XP002092843 ISSN: 0014-5793	1,4,5	C12N15/57 C12N15/12 C12N9/64 C07K14/745 A61K38/36 A61K38/48 C12N5/10 C12Q1/37
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1	Place of search The Hague	Date of completion of the search 24 May 2004	Examiner Van der Schaal, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			



DOCUMENTS CONSIDERED TO BE RELEVANT			
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Y	<p>SHAH A ET AL: "Manipulation of the membrane binding site of vitamin K-dependent proteins: enhanced biological function of human factor VII" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 95, no. 8, 14 April 1998 (1998-04-14), pages 4229-4234, XP002092845 ISSN: 0027-8424 * the whole document *</p> <p>-----</p> <p>SHEN L ET AL: "Enhancing the activity of protein C by mutagenesis to improve the membrane-binding site: studies related to proline-10" BIOCHEMISTRY, AMERICAN CHEMICAL SOCIETY. EASTON, PA, US, vol. 36, no. 51, 23 December 1997 (1997-12-23), pages 16025-16031, XP002092844 ISSN: 0006-2960 * the whole document * especially page 16030, right column, second paragraph</p> <p>-----</p> <p>-/-</p>	1,2,6-26	
Y		1,2,6-26	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
1	<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>		
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CATEGORY OF CITED DOCUMENTS		<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>	
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>			



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Category	Citation of document with indication, where appropriate, of relevant passages		
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
1	Place of search The Hague	Date of completion of the search 24 May 2004	Examiner Van der Schaal, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 92 8505

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